

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An optical rotary encoder, comprising:
a rotary slit plate having a rotation angle detection track including an optical slit;

a light source for applying light to said optical slit;

~~light-detecting~~ receiving elements for rotation angle detection arranged in corresponding relationship with positions to which light emitted from said light source is applied to said optical slit, thereby ~~-detecting~~ receiving the light emitted from said light source and passing through said optical slit; and

~~light-detecting~~ receiving elements for light amount monitoring arranged at respective locations on a circumference in corresponding relationship with positions at which light emitted from said light source is applied to said optical slit, and ~~-detecting~~ receiving the light emitted from said light source and passing through said optical slit, wherein

said ~~light-detecting~~ receiving elements for light amount monitoring have an angular width that is an integer multiple of an angular interval of light intensity distribution, on surfaces of said ~~light-detecting~~ receiving elements for light amount monitoring, of the light emitted from said light source and that has passed through said optical slit, and

first and second ~~light-detecting~~ receiving elements of said ~~light-detecting~~ receiving elements for light amount monitoring are arranged on a circumference in corresponding relationship with positions at which the light emitted from said light source is applied to said optical slit, and said first and second ~~light-detecting~~ receiving elements for light amount monitoring are located 180 degrees from each other with respect to a center point of the circumference, thereby reducing variations of signals from said ~~light-detecting~~ receiving elements for light amount monitoring caused by deviations of the intensity distribution and of said ~~light-detecting~~ receiving elements for light amount monitoring in a radial direction.

Claims 2-4 (Cancelled).

5. (Currently Amended) The optical rotary encoder according to claim 1, wherein ends of said ~~light-detecting~~ receiving elements for light amount monitoring in the radial direction are arranged within ~~or outside~~ a width dimension, in the radial direction, of light emitted from said light source and passed through said optical slit in a distribution of the light formed on surfaces of said ~~light-detecting~~ receiving elements for light amount monitoring.

6. (Currently Amended) The optical rotary encoder according to claim 1, wherein third and fourth ~~light-detecting~~ receiving elements of said ~~light-detecting~~ receiving elements for light amount monitoring are arranged on a circumference in corresponding relationship with positions at which light emitted from said light source is applied to said optical slit, and are spaced at an interval of (odd number / 2) of the angular interval of the intensity distribution.

7. (New) The optical rotary encoder according to claim 1, wherein ends of said light receiving elements for light amount monitoring in the radial direction are arranged outside a width dimension, in the radial direction, of light emitted from said light source and passed through said optical slit in a distribution of the light formed on surfaces of said light receiving elements for light amount monitoring.